UTILITY PATENT OR DESIGN **SOLE OR JOINT**

CROWELL & MORING, LLP UNITED STATES LETTERS PATENT **DECLARATION AND POWER OF ATTORNEY**

ATTORNEY'S DOCKET NO.

202-628-8800

As a below named inventor, I declare that I believe I am the original, first and sole inventor if only one name is listed at Item 201 below, or a joint inventor if plural names are listed below at Items 201 et. seq. of subject matter which is claimed and for which a patent is sought for the invention entitled: TRACK JUMP CONTROL APPARATUS AND TRACK JUMP METHOD

	which is described and claimed in:					
101	[X] the attached specification	filed				
	and (if applicable) amended on					
102	[] international (PCT) application N	No.	filed	and as amended on (if any)		
10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior U.S. application(s) identified in Item 105 below and the national or PCT international filing date of this application.					
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	FOREIGN APPLICATION(S), IF ANY, FILED WITHIN 12 (6 if a Design) MONTHS PRIOR TO THE FILING DATE OF THIS APPLICATION THE					
103	COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED YES NO		
103	Japan	2001–61530	6 March 2001	х		
196.5	T					
105	THIS APPLICATION IS A: [] CONTINUATION [] DIVISION	[] CONTINUATION-IN-PART OF PRIOR U.S. APPLICATION	SERIAL NO.	FILED		
POWE Trader	ER OF ATTORNEY: As a named inv	ventor, I hereby appoint the following attr	omey(s) to prosecute this application an	nd transact all business in the Patent and		
JAMES F. MCKEOWN HERBERT I. CANTOR DONALD D. EVENSON Registration No. 25,406 Registration No. 24,392 Registration No. 26,160						
	JOSEPH D. EVANS Registration No. 26,		· · · · · · · · · · · · · · · · · · ·	D. SANOK tion No. 32,169		
P.O. Bo			MORING, L.L.P. ox 14300 D.C. 20044-4300	DIRECT TELEPHONE CALLS TO:		
		Trasinigion, D	7.0. E0077-7000	202-628-8800		

nventor(s)	name must include a	least one unabbre first or middle name.		
201	FULL NAME OF INVENTOR	LAST NAME , ,	FIRST NAME Takayuki	MIDOLE NAME
	RESIDENCE CITIZENSHIP	CITY OR OTHER LOCATION Osaka	state or country Japan	ctizenship Japanese
	POST OFFICE ADDRESS	POSTOFFICE ADDRESS c/o Funai Electric Co., I	td., 7-1, 7-chome, Nakaga	ito, Daito-shi, Osaka, Japan
•	FULL NAME OF INVENTOR	LAST NAME KUWAYAMA	FIRST NAME Yasunori	MIDDLE NAME
202	RESIDENCE CITIZENSHIP	CITY OR OTHER LOCATION Osaka	state or country Japan	ститемения Japanese
	POST OFFICE ADDRESS	POST OFFICE ADDRESS C/o Funai Electric Co., Ltd., 7-1, 7-chome, Nakagaito, Daito-shi, Osaka, Japan		
	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
203	RESIDENCE CITIZENSHIP	CITY OR OTHER LOCATION	STATE OR COUNTRY	CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS		

204	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
	RESIDENCE CITIZENSHIP	CITY OR OTHER LOCATION	STATE OR COUNTRY	CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS		
	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDOLE NAME
205	RESIDENCE CITIZENSHIP	CITY OR OTHER LOCATION	STATE OR COUNTRY	CITIZENSHIP
## ##	POST OFFICE ADDRESS	POST OFFICE ADDRESS		
)	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
20 6	RESIDENCE CITIZENSHIP	CITY OR OTHER LOCATION	STATE OR COUNTRY	CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS		

[] Seventh (and more) coinventors on page 3. I hereby declare that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of any patent issue thereon.

SIGNATURE OF INVENTOR 201 Takayuki On o	SIGNATURE OF INVENTOR 202 Countri Cuwayamu	SIGNATURE OF INVENTOR 203
March 1, 2002	DATE March 1, 2002	DATE
SIGNATURE OF INVENTOR 204	SIGNATURE OF INVENTOR 205	SIGNATURE OF INVENTOR 206
DATE	OATE	DATE